BR-TS100100DB X-ray Baggage Scanner

Application: security inspection for carry-on baggage or parcels etc. It is an ideal security inspection system to inspect large size baggage in airports, railway stations, bus stands, government institutions, hotels etc.

Main Features:

◆ Duel View Design

◆ Image Archiving

◆ Multi-language Support

◆ Dual-energy Material Discrimination

◆ Assist to Detect Drug and Explosive Powder

◆ Powerful X-ray Source Imaging Performance and Penetration

◆ Extended Height Tunnel with Square Opening Easily Accepts Outsized Parcels, Boxes and Other Freight

Technical Parameters:

General Specification	
Tunnel Size	1010mm(width) ×1010mm(height)
Conveyor Speed	0.2m/s
Conveyor Height	300mm
Max. Load	200kg(even distribution)
Wire Resolution	40AWG（0.0787mm of wire）> 44 SWG
Spatial Resolution	horizontal Φ1.0mm vertical Φ1.0mm
Penetrable Resolution	32AWG（0.202mm)
Steel Penetration	40mm
Monitor	17-inch color monitor with resolution:1280×1024

X-ray Generator	
Anode Voltage	140-160Kv
Cooling/Run Cycle	sealed oil cooling/ 100%
X-Ray Generator Number	2
Radiation Modality	top/side radiation
Per-inspection Dose	less than 3.0μGy

Image Processing System	
Image Enhancement Features	color/black & white image ,organic and inorganic elimination ,alterable absorption, super-enhancement, negative mode, high/low energy penetrability, pseudo color etc
Image Resolution	organics: orange inorganic: blue mixture and light metal: green

Selection and Enlargement	variable zoom, 1-32 times enlargement, support continuous enlargement
Image Playback	50 checked images playback
Storage Capacity	at least 100,000 images

Radiation Safety

Radiation Leakage	less than 1.0μGy /h (5cm away from shell) comply with all domestic and international health and radiation safety standards
Film Safety	in accordance with ASA/ISO1600 film safe standard

System Functions

TIP(Threat Image Projection), hazardous area alarm,high density alarm, date / time display, baggage counter, user management, system timing, ray beam timing, power on self test, image back-up and search, maintenance and diagnosis, bi-directional scanning

Optional Functions

video monitor system/LED(liquid crystal display)/energy-conservation and environmental-protection equipment/electronic weighing system/speaker etc

Installation Data

External Dimension	3911mm(length) ×1735mm(width) ×1790.5mm(height)
Operation Console Size	1100mm(length) ×704mm(width) ×1195mm(height)
Weight	1450Kg
Operation Voltage	AC220V(-15%~+10%) 50±3Hz
Power Consumption	2kVA
Operation Temperature	0℃±3℃～+40℃±2℃
Storage Temperature	-40℃±3℃～＋60℃±2℃
Relative Humidity	5%～95%(non-condensing)
Noise Level	56dB(A)